

Opportunities for Diesel Emission Reduction Projects under the CMAQ Program

Tools for Cleaning up Illinois Diesel:
Technology, Funding, and Collaboration
“Financing Opportunities, Innovative Market Mechanisms,
and Legislative Updates” Session
Tuesday, May 2, 2006



CMAQ Program Overview

- Federal transportation funds are apportioned to nonattainment/maintenance areas
 - Approximately \$80 million per year for Northeastern Illinois
- Projects must improve air quality and/or reduce congestion
- Approach to programming projects is decided by state transportation agency
 - frequently involving MPOs
 - CATS Policy Committee awards project funds in Northeastern IL

Eligible Projects

- Many transit, bicycle/pedestrian, and traffic flow improvement projects are eligible
- Transportation-related projects targeting diesel emissions are also eligible:
 - Diesel retrofits
 - Anti-idling measures
 - Alternative fuels

Project Options In SAFETEA-LU

- Advanced truck stop electrification systems
- Diesel retrofits for motor vehicles, non-road vehicles and non-road engines used in construction projects
- Outreach activities to diesel equipment and vehicle owners and operators regarding diesel retrofits
- MO, IA, MN, WI, IL, IN, OH: Purchase of alternative fuels or biodiesel

Other Features/Clarifications

- Allows anti-idling facilities in Interstate ROW
- Priority for diesel retrofits and other cost-effective emission reduction activities
- USEPA is to publish a list of approved diesel retrofit technologies

Northeastern IL Activities

- CTA: diesel retrofit and ULSD purchase
- Pace: ULSD purchase
- Illinois Tollway/IdleAire: Truck stop electrification
- Robbins: Bio Refueling Station
- CDOE: Alternative Fuel Infrastructure Network
- CTA: Fuel Cell Bus Project
- Ready to program two school bus retrofits in FY 2006

Northeastern Illinois Selection Process

- Proposals submitted (December – January)
- Proposals evaluated (February – June)
- Program of projects developed and approved (June – October)
- Award notification (November/December)
- Projects are monitored for progress on an ongoing basis

Submitting a Proposal

- Forms and instructions are on the CATS web site, <http://www.catsmpo.com/prog-cmaq.htm>
- Sponsor must be a body capable of ensuring the local match – i.e., a governmental body
- Private entities can partner with public agencies to obtain funds
- Emissions benefits need to be quantified
 - Ozone precursors (VOC and NO_x) are the primary emissions
 - PM_{2.5} is being added
 - Many PM_{2.5} proposals rank well on VOC and NO_x